Sheet I of 4

ATTY, DOCKET NO. SERIAL NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE 36080-00800 09/902.878 PATENT AND TRADEMARK OFFICE APPLICANT INFORMATION DISCLOSURE CITATION Edward G. Combs et al. (Use several sheets if necessary) FILING DATE GROUP ART UNIT 2827 July 11, 2002 **EXAMINER** PILING DATE DOCUMENT NUMBER SUBCLASS IF APPROPRIATE INITIAL DATE ΑC 428 133 3,908,075 9/1975 Jackson et al. 827 29 3,942,245 3/1976 Jackson et al. 492 235 4,501,960 2/1985 Jouvet et al. 29 827 4,674,175 6/1987 Stamfli 257 671 4,701,781 10/1987 Sankhagowit 737 257 4.975,765 12/1990 Ackermann et al. 357 12827 5,023,202 6/1991 Long et al. 29 827 5.041,395 8/1991 Steffen 257 679 5,122,860 6/1992 Kikuchi et al. AC 257 784 5,157,475 10/1992 Yamaguchi 5,175,612 12/1992 Long et al. AC 251 672 2/1994 5,285,105 Cain 257 48 5,334,857 8/1994 Mennitt et al. 827 29 5,366,933 11/1994 Golwalkar et al 693 251 5,420,460 5/1995 Massingill 827 29 5,474,957 12/1995 Urushima AC 96 427 5,482,736 1/1996 Glenn et al EXAMINER DATE CONSIDERED 11/29/03 Nomo hambless EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NY2:#4513941

Duplicate

| | | PATENT AND TO | | | ATTY, DOCKST NO. 36080-00800 APPLICANT Edward G, Combs et al. | | | 09/902,878 | | |
|-----------|-----------------------------------|-----------------|---------|------------|---|-------|---------------------|---------------------|--|--|
| | (Use several sheets if necessary) | | | | FILING DATE July 11, 2002 | | 2827 | GROUP ART UNIT 2827 | | |
| | | | ul. | | PILING DATE JULY 11, 2002 2827 2827 2819 2819 2819 2819 2819 2819 2819 2819 | | | | | |
| | EXAMINER INITIAL | DOCUMENT NUMBER | DATE | | NAME | CIASS | SUBCLASS | PILING DATE | | |
| | AC | 5,482,898 | 1/1996 | Marrs | | 29 | 827 | | | |
| Δ . | AC | 5,556,807 | 9/1996 | Bhattacha | rayya et al. | 298 | 27 | | | |
| Duplicate | | 5.596.231 | 1/1997 | Combs | | | Adams, and a second | | | |
| | AC | 5,596,485 | 1/1997 | Glenn et a | 1. | 361 | 703 | | | |
| | | 5,672,909 | 9/1997 | Glenn et a | | 257 | 668 | | | |
| | | 5,796,163 | 9/1998 | Glenn et a | | 257 | 698 | | | |
| | | 5,867,368 | 2/1999 | Glenn | | 361 | 783 | | | |
| | | 5.886.397 | 3/1999 | Ewer | | 257 | 667 | | | |
| | | 5,894,108 | 4/1999 | Mostafaza | deh et al. | 174 | 52.4 | | | |
| | | 5,900,676 | 5/1999 | Kweon et | | 257 | 787 | | | |
| | | 5,905,304 | 5/1999 | Ewer et al | | | | | | |
| | | 5,939,784 | 8/1999 | Glenn | | 257 | 710 | | | |
| | | 5,949,655 | 9/1999 | Glenn | | 361 | 783 | | | |
| | | 5,950,074 | 9/1999 | Glenn et a | l | 438 | 121 | | | |
| | | 5,962,810 | 10/1999 | Glenn | | 174 | 52,2 | | | |
| | | 5,981,314 | 11/1999 | Glenn et a | i. | 438 | 127 | | | |
| | | 6,034,429 | 3/2000 | Glenn et a | | 251 | 70 | | | |
| | 1 | 6.081,029 | 6/2000 | Yamaguch | ni | 257 | 718 | | | |
| | AC | 6,092,281 | 7/2000 | Glenn | · | 29 | 841 | | | |
| | EXAMINE | 11/29/0 | 3 | | | | | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 3 of 4

| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | ATTY. DOCKET NO. SERIAL NO. 36080-00800 09/902,878 APPLICANT Edward G. Combs et al. | | | | | |
|--|-----------------|---------------|-------------|---|-------------------|---------------------|-------------|---|--|
| | | | | FILING DATE | | GROUP ART UNIT | | | |
| | | July 11, 2002 | | | | | | | |
| RXAMINER INITIAL | DOCUMENT NUMBER | DATE | | NAME | CLASS. | SUBCLASS | FTLING DATI | Æ | |
| AC | 6,117,193 | 9/2000 | Glenn | | 29 | 25,0 l | | | |
| 11 | 6.117.705 | 9/2000 | Glenn et al | <u></u> | 438 | 106 | | 1 | |
| - _ | 6,143,588 | 11/2000 | Glenn | | 438 | 116 | | 1 | |
| | 6,150,193 | 11/2000 | Glenn | | 438 | 113 | | L | |
| 1 | 6.198.163 | 3/2001 | Crowley et | al. | 257 | 706 | | | |
| | 6,214,644 | 4/2001 | Glenn | · | 43% | 108 | | | |
| | 6.228.676 | 5/2001 | Glenn ot a | L | 438 | 107 | | | |
| | 6.242.281 | 6/2001 | McLellan | et al. | 438 | 146 | | | |
| | 6,246,566 | 6/2001 | Glenn | | 361 438 438 | 10620 | | | |
| | 6,258,629 | 7/2001 | Niones et a | <u> </u> | 369 259 | 226 | | _ | |
| | 6,266,197 | 7/2001 | Glenn et al | <u>. </u> | 138 138 | 71-1819 | | _ | |
| | 6,274,927 | 8/2001 | Glenn | | 35°T | -819 ⁶⁸⁰ | | _ | |
| | 6.281.241 | 8/2001 | Elsner | | 254 | 680 ⁵¹⁵ | | _ | |
| | 6,281,568 | 8/2001 | Glenn et al | <u></u> | 257 | 684 | | _ | |
| +-+ | 6.285.075 | 9/2001 | Combs et a | ıl | 257 | 675 | | _ | |
| 1 | 6,291,884 | 9/2001 | Glenn et al | <u> </u> | 257 | 747 | | _ | |
| AC | 6.294.100 | 9/2001 | Fan et al. | | 216 | 14 | | | |
| XAMINER | Alongo Cha | mlilis | DA | TE CONSIDEI | RED | 11/29/0 | 3 | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line throug citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| MEX AL 66 66 66 66 66 66 66 66 66 66 66 66 66 | DOCUMENT NUMBER .294,830 .326,678 .395,578 .429,048 | PATE 9/2001 12/2001 5/2002 8/2002 | Fielstad Karnezos o Shin et al. McLellan | FILING DATE July 11, 2002 FILING PARE NAME | 257 257 257 43% | 9800 ANT 2827 | PILING DATE, TE APPROPRIATE | | | |
|--|---|---|--|--|---|--|--|--|--|--|
| MER AL 66 66 66 66 66 66 66 66 66 66 66 66 66 | DOCUMENT NUMBER .294.830 .326.678 .395.578 | PATE 9/2001 12/2001 5/2002 8/2002 | Fielstad Karnezos | NAME | 257 257 | 724 | MLING DATE. | | | |
| 6 6 6 6 | .326,678 .325,578 .429,048 | 9/2001 12/2001 5/2002 8/2002 | Karnezos o | | 257 257 | 724 | FILING DATE | | | |
| 6 6 6 6 | .326,678 .395,578 .429,048 | 12/2001 5/2002 8/2002 | Karnezos o | et al. | 257 | 666 | | | | |
| 6 6 6 | ,395,578 ,429,048 | 5/2002 8/2002 | Shin et al. | et al. | | | | | | |
| C 6 | ,429,048 | 8/2002 | | | 428 | 11560 | | | | |
| 6 | | | McLellan | | 120 | 104 | | | | |
| 6 | 429,508 | 000 | ************************************** | et al. | 43% | 108 | | | | |
| | | 8/2002 | Gang | | 257 | 678 | | | | |
| ~ 1 1 | 444,498 | 11/2002 | Huang of a | A CONTRACTOR OF THE PARTY OF TH | CONTRACTOR OF THE PARTY. | industricis processing | and the contract of the second | | | |
| C 6 | 452.255 | 9/2002 | Bayan et a | 1 | 257 | 666 | | | | |
| 2400-271.112 BATHLEET BASH 6 | .458.626 | 10/2002 | Huane et a | istera ema cipi, ediciphudicar car had na | Mark Hill Triangle | CROWNING CROSSING CARTY | STATES AND STATES AND ADDRESS OF THE PARTY O | | | |
| (6 | 498.099 | 12/2002 | McLellan | et al. | 438 | 689 | | | | |
| 6 | .507,102 | 1/2003 | Juskey et a | ıl | 257 | 706 | | | | |
| 6 | .552,417 | 4/2003 | Combs | | 257 | 666 | | | | |
| 6 | .556.740 | 5/2003 | <u> Увзипака</u> | et al. | 385 | 15 | | | | |
| | 002/0079570 | 1/2002 | Ho et al. | SPANOR PROPERTY OF THE PARTY OF | 257 | 697 | | | | |
| 10 (10 m) | | | | | | | | | | |
| | | | | | | | | | | |
| | OTHER DOC | | | | | | | | | |
| <i>(</i> | T | | | | | | | | | |
| U.S. Patent Application No. 10/062,896 filed January 31, 2002 by Pedron et al. | | | | | | | | | | |
| _ _ | U.S. Patent Application No. 10/104,263 filed March 22, 2002 by Combs et al. | | | | | | | | | |
| () | U.S. Patent Application No. 10/178,372 filed June 24, 2002 by Pedron et al. | | | | | | | | | |
| EXAMINER Alamps Chambles DATE CONSIDERED 11/29/03 | | | | | | | | | | |
| | MINER ATNER: Initia | 6,507,102 6,552,417 6,556,740 2002/0079570 C | 6.498.099 12/2002 6.507,102 1/2003 6.552,417 4/2003 6.556,740 5/2003 2002/0079570 1/2002 7.002 7.003 7.0 | 6.498.099 12/2002 McLellan 6.507.102 1/2003 Juskey et a 6.552.417 4/2003 Combs 6.556.740 5/2003 Yasunaga 2002/0079570 1/2002 Ho et al. **TOTHER DOCUMENTS Inchesses U.S. Patent Application No. 10/062.896 U.S. Patent Application No. 10/104.263 U.S. Patent Application No. 10/178.372 MINER Application No. 10/178.372 MINER Application No. 10/178.372 | 6.498.099 12/2002 McLellan et al. 6.507,102 1/2003 Juskey et al. 6.552.417 4/2003 Combs 6.556.740 5/2003 Yasunaga et al. 2002/0079570 1/2002 Ho et al. U.S. Patent Application No. 10/062,650 filed January 31 U.S. Patent Application No. 10/062,896 filed January 31 U.S. Patent Application No. 10/104,263 filed March 22. U.S. Patent Application No. 10/178,372 filed June 24, 24 MINER: Initial if reference considered, whether or not citation is in confor | 6.498.099 12/2002 McLellan et al. 438 6.507,102 1/2003 Juskey et al. 25 7 6.552.417 4/2003 Combs 25 7 6.556.740 5/2003 Yasunaga et al. 385 C 2002/0079570 1/2002 Ho et al. 25 7 U.S. Patent Application No. 10/062,650 filed January 31, 2002 by U.S. Patent Application No. 10/104,263 filed March 22, 2002 by C U.S. Patent Application No. 10/178,372 filed June 24, 2002 by Per MINER MINER: Initial if reference considered, whether or not citation is in conformance with | 6.498.099 12/2002 McLollan et al. 436 (89 6.507.102 1/2003 Juskey et al. 257 706 6.552.417 4/2003 Combs 251 666 6.552.417 4/2003 Yasunaga et al. 385 1/5 2002/0079570 1/2002 Ho et al. 257 697 U.S. Patent Application No. 10/062.650 filed January 31, 2002 2001 by McLella U.S. Patent Application No. 10/062.896 filed January 31, 2002 by Pedron et al. U.S. Patent Application No. 10/104.263 filed March 22, 2002 by Combs et al. U.S. Patent Application No. 10/178,372 filed June 24, 2002 by Pedron et al. MINER | | | |

NY2:#4513941